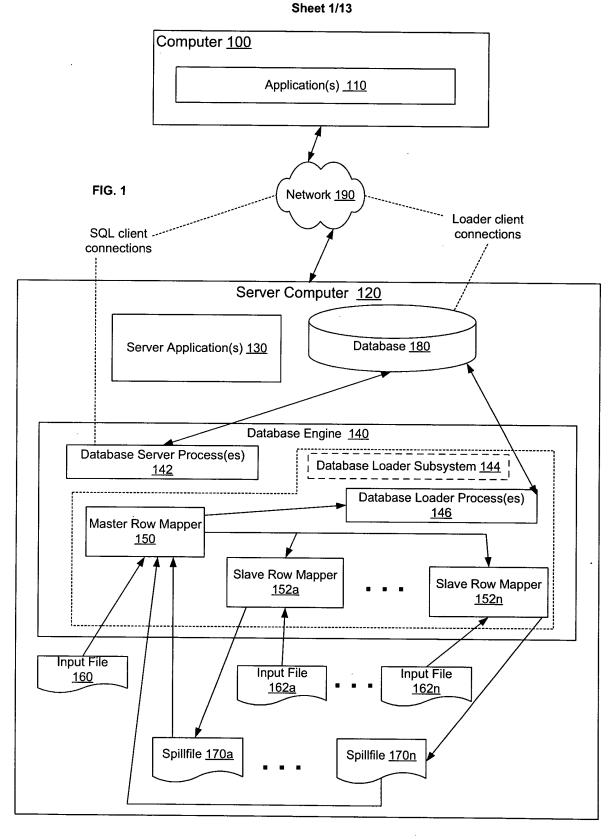
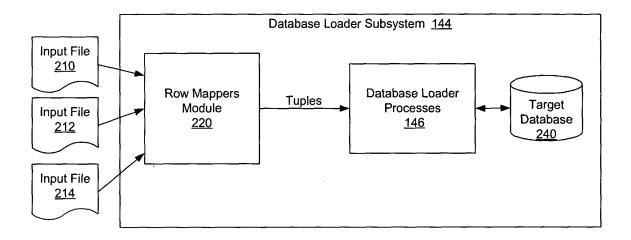
### MELOD, SYSTEM, AND ARTICLE OF MANUFACTURE FOR PARALLEL PROCESSING AND SERIAL LOADING OF HIERARCHICAL DATA Qi Jin et al. SVL920030042US1



### METHOD, SYSTEM, AND ARTICLE OF MANUFACTURE FOR PARALLEL PROCESSING AND SERIAL LOADING OF HIERARCHICAL DATA Qi Jin et al. SVL920030042US1 Sheet 2/13



## METHOD, SYSTEM, AND ARTICLE OF MANUFACTURE FOR PARALLEL PROCESSING AND SERIAL LOADING OF HIERARCHICAL DATA Qi Jin et al. SVL920030042US1 Sheet 3/13

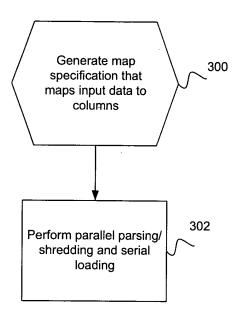
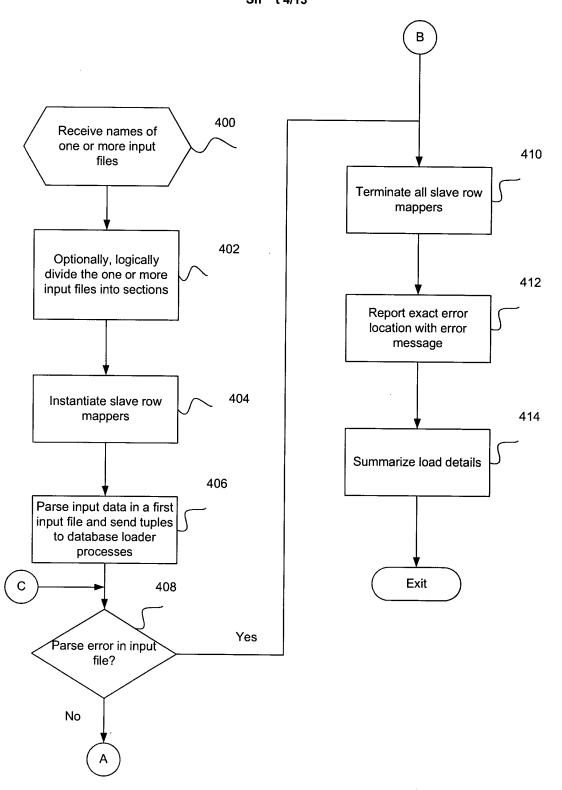


FIG. 3

## METHOR SYSTEM, AND ARTICLE OF MANUFACTURE FOR PARALLEL PROCESSING AND SERIAL LOADING OF HIERARCHICAL DATA Qi Jin et al. SVL920030042US1 Sh t 4/13



### METHOD, SYSTEM, AND ARTICLE OF MANUFACTURE FOR PARALLEL PROCESSING AND SERIAL LOADING OF HIERARCHICAL DATA

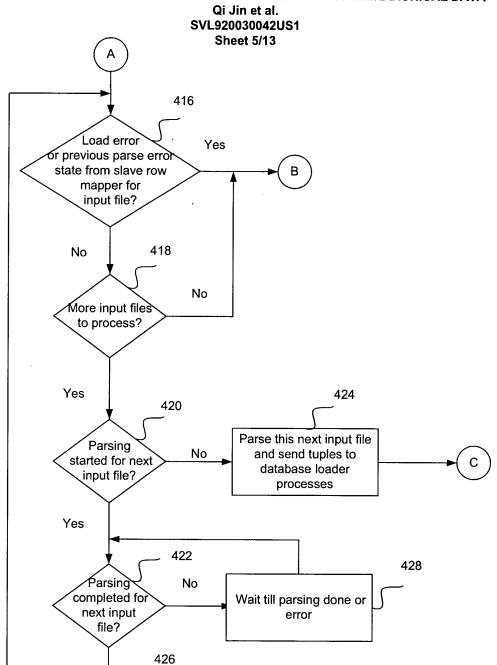


FIG. 4B

Yes

Send tuples to the database loader processes from

corresponding spillfile

### METOD, SYSTEM, AND ARTICLE OF MANUFACERE FOR PARALLEL PROCESSING AND SERIAL LOADING OF HIERARCHICAL DATA Qi Jin et al.

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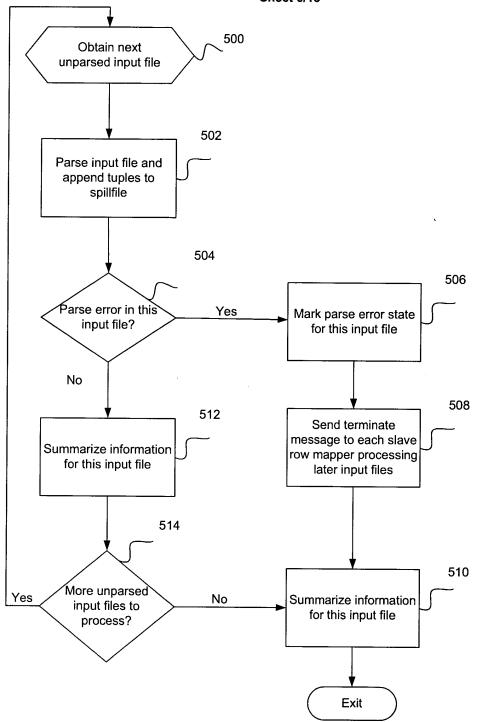


FIG. 5

### METHOD, SYSTEM, AND ARTICLE OF MANUFACTURE FOR PARALLEL PROCESSING AND SERIAL LOADING OF HIERARCHICAL DATA Qi Jin et al. SVL920030042US1 Sheet 7/13

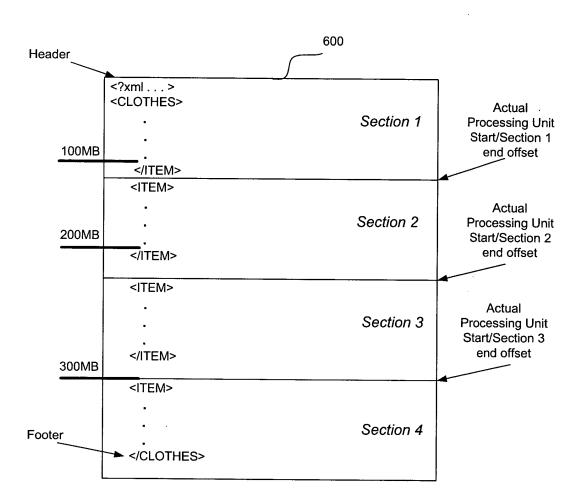
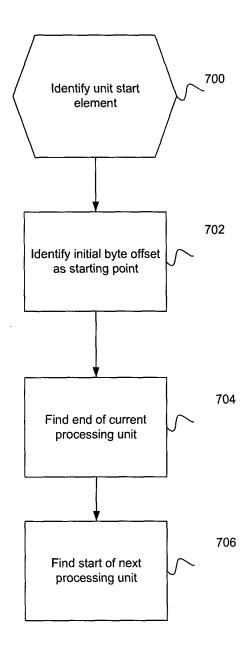


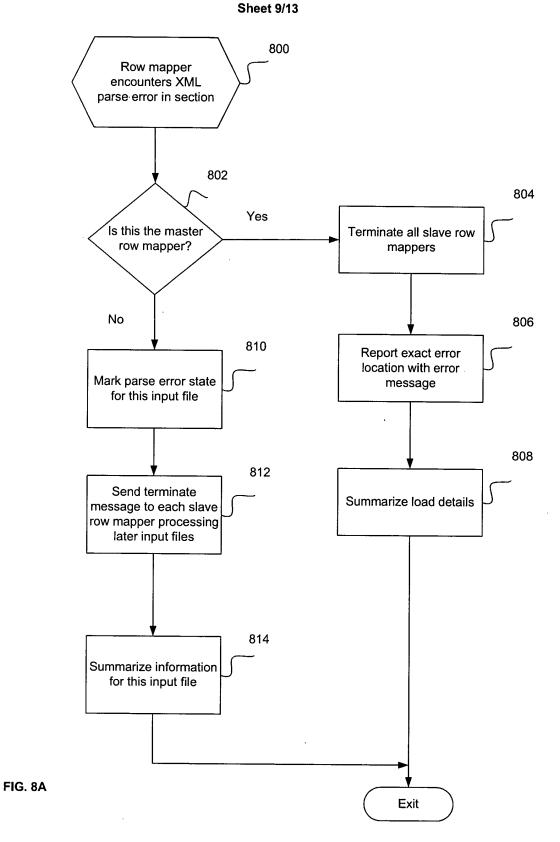
FIG. 6

### MET D, SYSTEM, AND ARTICLE OF MANUFACTERE FOR PARALLEL PROCESSING AND SERIAL LOADING OF HIERARCHICAL DATA Qi Jin et al.

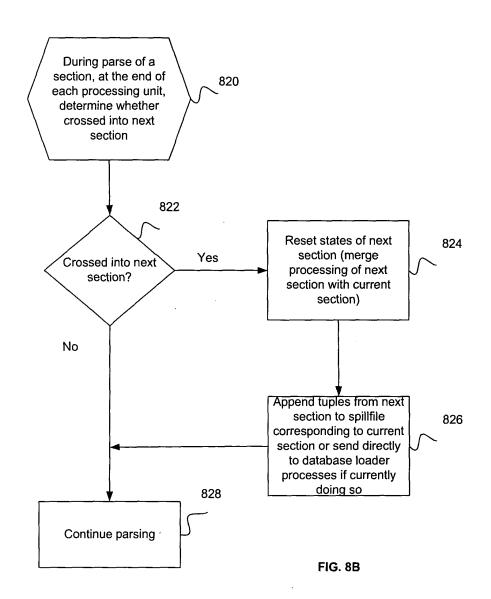
SVL920030042US1 Sh et 8/13



### MET D, SYSTEM, AND ARTICLE OF MANUFACTRE FOR PARALLEL PROCESSING AND SERIAL LOADING OF HIERARCHICAL DATA Qi Jin et al. SVL920030042US1

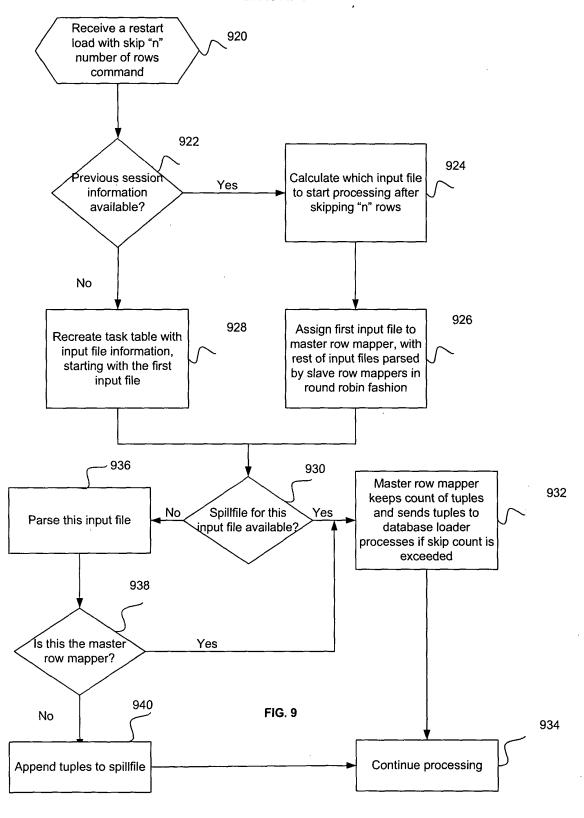


# MET D, SYSTEM, AND ARTICLE OF MANUFACTORE FOR PARALLEL PROCESSING AND SERIAL LOADING OF HIERARCHICAL DATA Qi Jin et al. SVL920030042US1 Sh et 10/13



### SYSTEM, AND ARTICLE OF MANUFACTU FOR PARALLEL PROCESSING AND SERIAL LOADING OF HIERARCHICAL DATA Qi Jin et al.

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#### METHOD, SYSTEM, AND ARTICLE OF MANUFACTURE FOR PARALLEL PROCESSING AND SERIAL LOADING OF HIERARCHICAL DATA

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Spillfile Location State Rows Processed Proces

FIG. 10

Input File

Location

Offset

Input File

Number

## MET D, SYSTEM, AND ARTICLE OF MANUFACTE FOR PARALLEL PROCESSING AND SERIAL LOADING OF HIERARCHICAL DATA Qi Jin et al. SVL920030042US1 Sheet 13/13

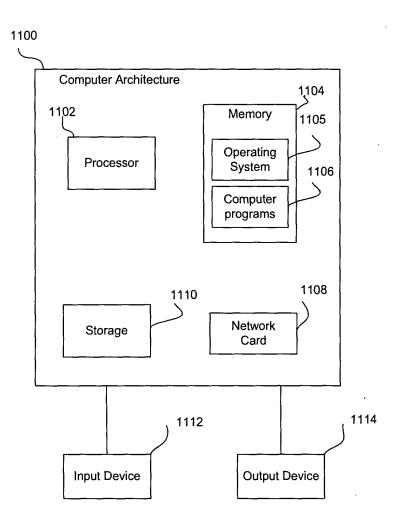


FIG. 11